

Title (en)

Method for improving the accuracy of the semi-quantitative determination of analyte in fluid samples

Title (de)

Verfahren zur Verbesserung der Genauigkeit von der semi-quantitativen Bestimmung eines Analyts in flüssigen Proben

Title (fr)

Méthode pour l'amélioration de la précision de la détermination semi-quantitative d'une analyte dans les échantillons fluides

Publication

**EP 0909953 A2 19990421 (EN)**

Application

**EP 98118706 A 19981002**

Priority

US 94952097 A 19971014

Abstract (en)

Disclosed is an improved method for determining the concentration of a first analyte in a fluid test sample as a function of a second analyte also present in the sample whose concentration in the fluid sample is clinically related to that of the first analyte. The method involves determining the concentration of the first analyte, and, if this concentration is outside of its useful analytical range, dividing this concentration by the normal concentration of the second analyte. This method of ratioing the concentrations of the first and second analyte is advantageous because accuracy is increased with fewer false positive and false negative results being reported.

IPC 1-7

**G01N 33/52**; **G01N 33/68**; **G01N 33/70**; **G01N 33/72**; **G01N 33/66**

IPC 8 full level

**G01N 33/493** (2006.01); **G01N 33/50** (2006.01); **G01N 33/52** (2006.01); **G01N 33/66** (2006.01); **G01N 33/68** (2006.01); **G01N 33/70** (2006.01)

CPC (source: EP KR)

**G01N 33/52** (2013.01 - EP KR)

Cited by

EP0895084A3; US8460877B2; CN106443022A; CN102519952A; EP2304437A4; EP2518498A1; CN102759615A; US8884766B2

Designated contracting state (EPC)

BE CH DE ES FI FR GB IE IT LI NL SE

DOCDB simple family (publication)

**EP 0909953 A2 19990421**; **EP 0909953 A3 20000315**; **EP 0909953 B1 20061227**; AU 737300 B2 20010816; AU 8844698 A 19990506; CA 2250622 A1 19990414; CN 1177223 C 20041124; CN 1218909 A 19990609; DE 69836713 D1 20070208; DE 69836713 T2 20071011; ES 2279556 T3 20070816; JP 4226118 B2 20090218; JP H11190735 A 19990713; KR 100730900 B1 20071212; KR 19990037039 A 19990525; TW 591230 B 20040611

DOCDB simple family (application)

**EP 98118706 A 19981002**; AU 8844698 A 19981012; CA 2250622 A 19981009; CN 98120600 A 19981013; DE 69836713 T 19981002; ES 98118706 T 19981002; JP 29019898 A 19981013; KR 19980042664 A 19981013; TW 87116038 A 19980928